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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/731,597	12/09/2003	Robert Little	60001.0270US01/MS303919.1	4741

7590 11/30/2007
Christopher J. Leonard
Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903

EXAMINER

RUTLEDGE, AMELIA L

ART UNIT	PAPER NUMBER
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2176

MAIL DATE	DELIVERY MODE
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11/30/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Interview Summary

Application No.

10/731,597

Applicant(s)

LITTLE ET AL.

Examiner

Amelia Rutledge

Art Unit

2176

All participants (applicant, applicant's representative, PTO personnel):

(1) Amelia Rutledge.

(3) _____.

(2) Ryan Grace - applicant's representative.

(4) _____.

Date of Interview: 27 November 2007.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
If Yes, brief description: _____.

Claim(s) discussed: 1.

Identification of prior art discussed: Skonnard; Armstrong.

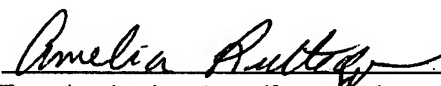
Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Discussed ways in which the claims could possibly be amended to overcome the prior art of record; it appeared that applicant's proposed amendments would require a new search and would appear to overcome the prior art references. Discussed the Requirement for Information under 37 CFR 1.105 mailed with the office action of 08/09/2007 and applicant's response.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

DRAFT*proposed amendments to be scanned***Merchant & Gould**

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A Professional Corporation

Fax Transmission | November 27, 2007

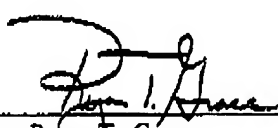
TO:

Attn: Examiner Amelia L. Rutledge Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450	FROM: Ryan Grace OUR REF: 60001.270US01
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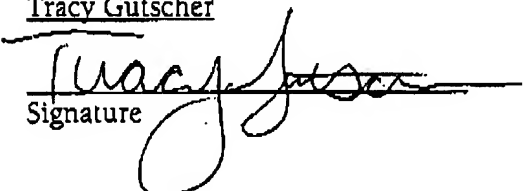
Total pages, including cover letter: 4

PTO FAX NUMBER 1-571-273-7508

If you do NOT receive all of the pages, please telephone us at 206.342.6200, or fax us at 206.342.6201.

Title of Document Transmitted: Applicant Initiated Interview Request FormApplicant: Robert Little et al.Serial No.: 10/731,597Filed: December 9, 2003Group Art Unit: 2176Our Ref. No. 60001.270US01Confirmation No. 4741By: 
Name: Ryan T. Grace
Reg. No.: 52,956

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Tracy GutscherSignature Date 11.27.07

Applicant Initiated Interview Request Form

Application No.: 10,731,597

First Named Applicant: Little

Examiner: Rutledge

Art Unit: 2176

Status of Application: Pending

Tentative Participants:

(1) Examiner Rutledge

(2)

(3) Ryan Grace

(4)

Proposed Date of Interview: Please call Proposed Time: Please call

Type of Interview Requested:(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video ConferenceExhibit To Be Shown or Demonstrated: ☐ Yes ☐ No

If yes, provide brief description:

Issues To Be Discussed

(1) Request for Information under 35 CFR 1.105

(2) Proposed Changes to Claim 7

7. (Currently amended) A computer-implemented method for modifying the resources of a Markup Language (ML) schema library, comprising:

calling, from a document editor, the ML schema library via an object-oriented message call, wherein the object-oriented message call is configured to access and to modify the content of a ML schema file of the ML schema library that is applied to a document;

~~executing a method of passing an object property, associated with the object-oriented message call, to the ML schema library, wherein the object property is associated with a software object associated with functionality identified in the ML schema library;~~

in response to the execution of the method on the ML schema library, causing a modification to content of at least one namespace of the schema file message call and the object property passed to the ML schema library, modifying the functionality of the ML schema file identified in the ML schema library; and

~~associating applying the modification modified functionality~~ of the ML schema file with a to the document to govern the application of ML elements on the document.

The cited references do not teach or otherwise suggest the above combination of features. The Office Action asserts that Skonnard teaches an API interface for allowing a user to select resources in a ML schema library. The Office Action cites to the Schema Object Model "SOM" discussion on pages 4 and pages 2-3 of Skonnard. Skonnard teaches that the SOM is an in-memory graphical representation of the XSD Schema definition. *Skonnard* at page 3, paragraph 1. The SOM makes it possible to graphically depict type information of objects of the schema, *Skonnard* at page 3, paragraph 2. The SOM provides basic information such as node names, namespace and types. *Skonnard* at page 3, paragraph 4. The SOM facilitates schema validation and reflection. *Skonnard* at page 3, paragraph 2. The programmatic interface discussed in Skonnard is in association with the SOM for providing validation and reflection. *Skonnard* at page 3, paragraphs 2-3. Skonnard also discusses an interface for modeling the overall schema definitions (ISchema). ISchema provides an interface for a graphical representation of the overall global schema. *See Skonnard* at page 3, paragraph 4.

On page 4, paragraph 1 of Skonnard, Skonnard is teaching the structure of the schema itself, where the developers of the schema can define simple types. The type information is part of the schema generation language of XSD and is part of an option available for the schema developer to facilitate validation.

The Office Action also refers to the Xpath extension features. The Xpath extension features work as a transform. These transforms include transformation of date and time to a viewable format. *See Skonnard* at page 7, and FIGURE 12.

With regard to Armstrong, the Office Action asserts that Armstrong teaches several interfaces for passing object properties between Java, and XML. The Office Action cites to the JAX_RPC portion of Armstrong. Armstrong teaches that JAX_RPC is a Java API for developing and using web services. Neither Skonnard nor Armstrong teach or otherwise suggest an "object-oriented message call is configured to access and to modify the content of a ML schema file of the ML schema library that is applied to a document." Skonnard teaches a programmatic interface association with the SOM for populating the object model. Armstrong does not even mention a call to access and modify a schema file. Neither Skonnard nor Armstrong teach or otherwise suggest "executing a method of the object-oriented message call," and "in response to the execution of the method on the ML schema library, causing a modification to content of at least one namespace of the schema file." Again, in Skonnard, the SOM is an object model, the Xpath extensions are transforms for displaying data in a viewable format, and the simple types pertain to the rules for developing the schema in XSD. Skonnard does not teach or suggest the above combination of features. Also, applicants can find no such teaching or suggestion in Armstrong. Accordingly, applicants believe that independent claim 7 is allowable.

An interview was conducted on the above-identified application on _____. NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.



Applicant/Applicant's Representative Signature

Examiner/SPE Signature

Ryan T. Grace
Typed/Printed Name of Applicant or Representative

52,956
Registration Number, if applicable